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12/22/08

ATTACHMENT FOR DISCUSSION PURPOSES ONLY

Date: December 17, 2008

To: Examiner Mary Alice Davis, Group Art Unit 3748

Fax No.: (571) 273-9965

Confirmation No. 3477

From: Andrew D. St. Clair

Number of pages being transmitted, including this cover sheet: 3

Please direct all questions concerning the transmittal of these pages to Ronita Fleming.

RE: Serial No. 10/562,446 (Hideaki MATSUHASHI ), filed December 27, 2005

**MESSAGE:**

Examiner Davis,

Attached is a draft claim amendment regarding the above-identified application, as discussed in our conversation on Tuesday, December 16, 2008. I believe that this amendment will amend around the prior art rejection of the last Office Action. In particular, at page 9 of that Office Action, you highlighted the language "a portion of said side face" as being problematic; this language no longer appears in claim 14. This amendment is supported at least by Figure 5 and pages 13-14 of the specification which discusses Figure 5. Claims 17 and 31 are also amended to remove references to "Hale-machining."

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I look forward to our scheduled interview on Monday, December 22, 2008 at 4:00 p.m. In the meantime, if you have any questions or comments, please don't hesitate to contact us.

Yours very truly,

WENDEROTH, LIND & PONACK, L.L.P.

By   
Andrew D. St. Clair

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**Draft Amendment**  
(for discussion purposes only)

14. (Currently Amended) A method for machining a scroll wrap, comprising:

forming a stationary scroll having an a stationary end plate and a stationary scroll wrap extending from said stationary end plate thereof, said stationary scroll wrap of said stationary scroll having a side face,

forming a slewing scroll having an a slewing end plate and a slewing scroll wrap extending from said slewing end plate thereof, said slewing scroll wrap of said slewing scroll having a side face,

wherein said side face of said stationary scroll wrap and said side face of said slewing scroll wrap are configured to slide with respect to each other in use,

wherein said side face of said stationary scroll wrap and said side face of said slewing scroll wrap each has a height extending from a respective one of said stationary end plate and said slewing end plate to a distal end; and

non-rotating-tool machining said side face of one of said stationary scroll wrap and said slewing scroll wrap by moving along a longitudinal direction of said one of said stationary scroll wrap and said slewing scroll wrap a non-rotational blade such that said height is machined at one time is a portion of said side face, of said one of said stationary scroll wrap and said slewing scroll wrap, extending substantially for a height of said one of said stationary scroll wrap and said slewing scroll wrap.

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wherein a cutting edge of the non-rotational blade has a length greater than the height of said one of said stationary scroll wrap and said slewing scroll wrap.

**17. (Currently Amended)** The method for machining a scroll wrap according to claim 14, further comprising:

machining a surface of one of said stationary end plate or said slewing end plate from which said one of said stationary scroll wrap and said slewing scroll wrap extends with the same non-rotational blade used for said non-rotating-tool machining of said side face of said one of said stationary scroll wrap and said slewing scroll wrap; and

performing a finish cutting with a different non-rotational blade than that used for said Hale-machining non-rotating-tool machining of said side face of said one of said stationary scroll wrap and said slewing scroll wrap;

wherein said Hale-machining non-rotating-tool machining, said machining, and said finish cutting are performed while the one of said stationary scroll and said slewing scroll having said one of said stationary scroll wrap and said slewing scroll wrap is fixed in a chuck.

**31. (Currently amended)** The method for machining a scroll wrap according to claim 28, further comprising:

machining a surface of one of said stationary end plate or said slewing end plate from which said one of said stationary scroll wrap and said slewing scroll wrap extends with the same

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non-rotational blade used for said Hale-machining non-rotating-tool machining of said side face of said one of said stationary scroll wrap and said slewing scroll wrap; and

performing a finish cutting with a different non-rotational blade than that used for said Hale-machining non-rotating-tool machining of said side face of said one of said stationary scroll wrap and said slewing scroll wrap;

wherein said Hale-machining non-rotating-tool machining, said machining, and said finish cutting are performed while the one of said stationary scroll and said slewing scroll having said one of said stationary scroll wrap and said slewing scroll wrap is fixed in a chuck.

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